

FIG. S

	DISASSEM- BLING ROUTER	83	83	
IN ROUTER 81	COMBINED PACKET	ACCEPTABL,E	ACCEPTABLE	UN- ACCEPTABLE
	TRANSMISSION PATH MTU	1500	576	
	DISTANCE	2	1	
	NEXT HOP ROUTER	82	83	
ROUTING TABLE IN ROUTER 81	NETWORK	Q	0	

Fig.4

	DISASSEM- BLING ROUTER	81	83	
	COMBINED PACKET	ACCEPTABLE	ACCEPTABLE	UN- ACCEPTABLE
	TRANSMISSION PATH MTU	2048	1500	
IN ROUTER 82	DISTANCE	-	-	
	NEXT HOP ROUTER	81	83	
KOUTING TABLE IN ROUTER 82	NETWORK	Ą	D	

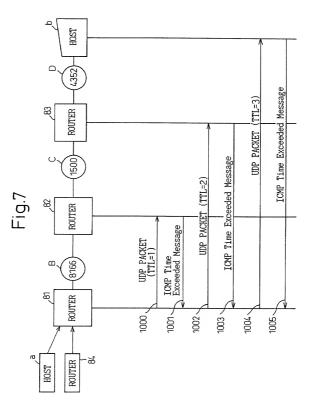
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Fig.5

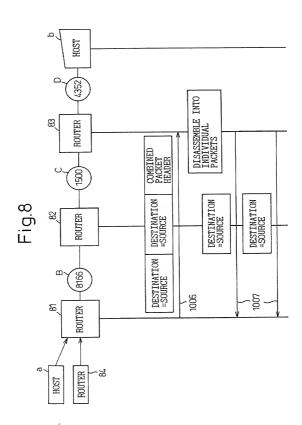
			_				
	DISASSEM- BLING ROUTER	81		18			•
	COMBINED PACKET	ACCEPTABLE		ACCEPTABLE		UN- ACCEPTABLE	
	TRANSMISSION PATH MTU	1500	576				
	DISTANCE	2		~			
ROUTING TABLE IN ROUTER 83	NEXT HOP ROUTER	82		8			
	NETWORK	٩		٩			

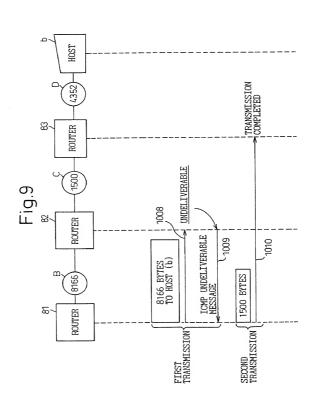
NETWORK ADDRESSES OF NETWORKS

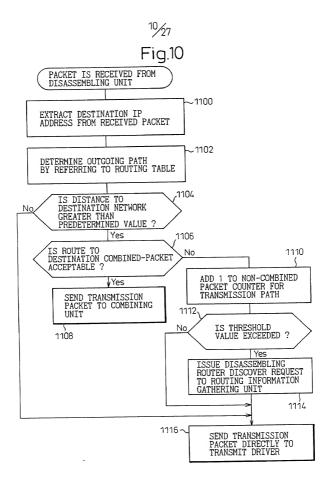
NETWORK	NETWORK ADDRESS	SUBNET MASK
Α	10. 100. 0. 0	255. 255. 0. 0
В	10. 0.0.0	255. 0.0. 0
С	20. 0. 0. 0	255. 0.0. 0
D	20. 210. 0. 0	255. 255. 0. 0
E	20. 200. 0. 0	255. 255. 0. 0
F	10.100.1.0	255 255 255.0
G	30. 0. 0. 0	255. 0.0. 0



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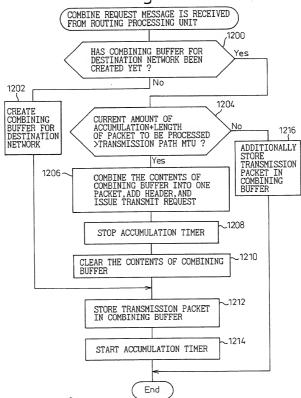


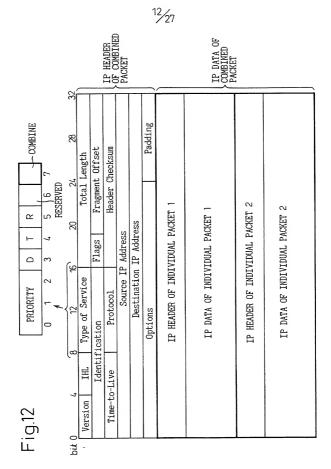


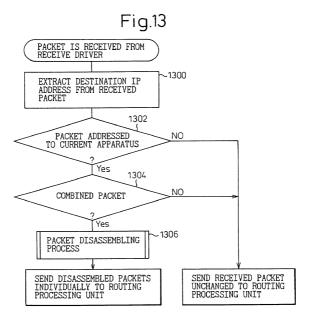


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Fig.11

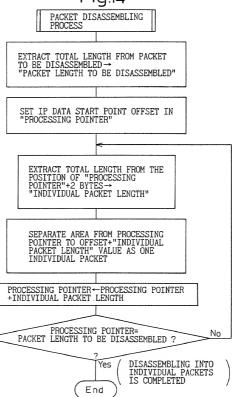


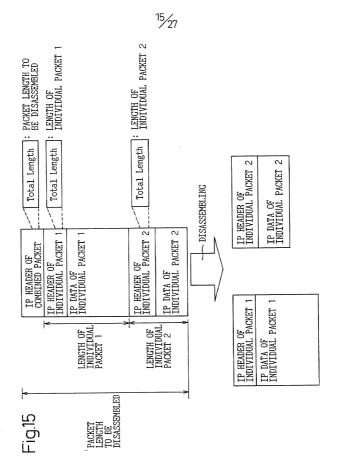




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Fig.14







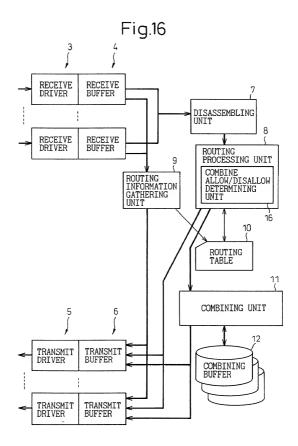
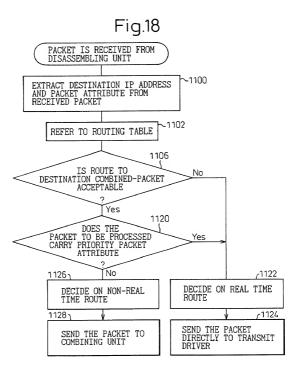


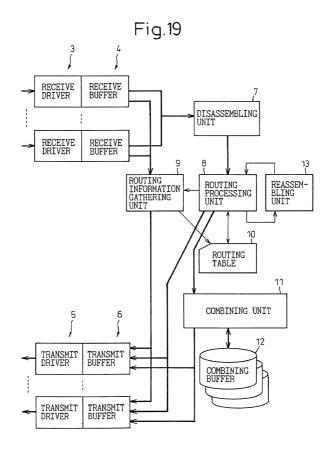
Fig.17

ROUTING TABLE IN ROUTER 81	NETWORK CONDITION	CONGESTED	NORMAL	
	PATH ATTRIBUTE	NON-REAL TIME ROUTE	REAL TIME ROUTE	
	DISASSEM- BLING ROUTER	83	83	
	COM- BINED PACKET	ACCEP- TABLE	ACCEP- TABLE	
	TRANSMISSION PATH MTU	1500	576	·
	DIS- TANCE	2	-	
	NEXT HOP ROUTER	82	83	
	NETWORK	۵	٥	

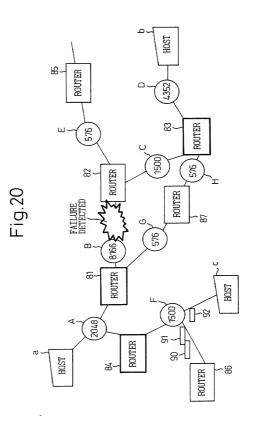
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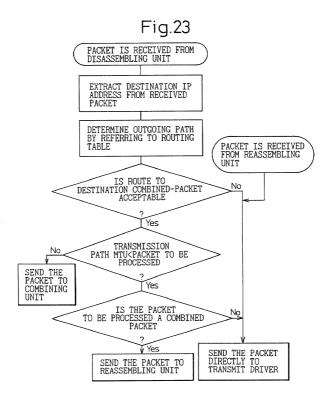


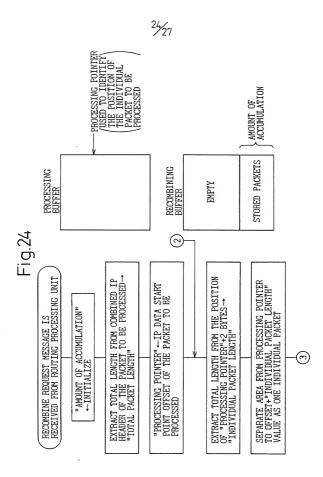


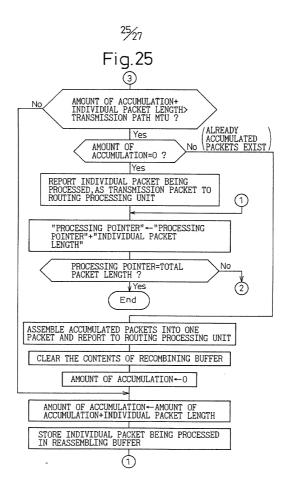
	NETWORK CONDITION	NORMAL	
	DISASSEM- BLING ROUTER	83	
IN ROUTER 84	COMBINED PACKET	ACCEPTABLE	
	TRANSMISSION PATH MTU	1500	
	DISTANCE	3	
	NEXT HOP ROUTER	81	
ROUTING TABLE IN ROUTER 84	NETWORK	٥	

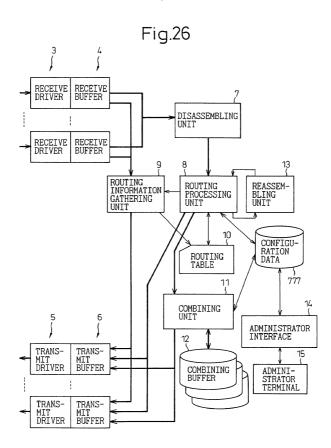
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	2	² ⁄ ₂₇		
	NETWORK CONDITION	FAILED	NORMAL	
	DISASSEM- BLING ROUTER	83	83	
ROUTING TABLE IN ROUTER 81	COMBINED PACKET	ACCEPTABLE	ACCEPTABLE	
	TRANSMISSION PATH MTU	1500	576	
	DISTANCE	2	5	
	NEXT HOP ROUTER	82	87	
	NETWORK	O	۵	









THRESHOLD TO START COMBINING NUMBER OF HOPS TO EFFECT COMBINING PACKET ATTRIBUTE TO EFFECT COMBINING Reserved FOR ROUTING PROCESSING INTT Reserved Reserved Reserved Reserved ACCUMULATION TIMER VALUE Reserved Reserved FOR Reserved COMBINING < Reserved Reserved Reserved Reserved